

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): A dual-mode speaker capable of automatically reproducing audio from either an analog or a digital source, comprising: ~~comprising~~;
a speaker input;
means for detecting digital audio connected to said speaker input;
a digital-to-analog converter connected to said speaker input for converting a digital input signal into an analog signal;
a multiplexer for switching from said speaker input to the analog signal from the digital-to-analog converter when said means to detect digital audio detects a digital audio signal;
an amplifier connected to the output of said multiplexer;
and a speaker connected to the output of said amplifier.
2. (original): A dual-mode speaker as in claim 1, wherein said means for detecting digital audio includes a filter that detects a range of frequencies.
3. (original): A dual-mode speaker as in claim 1, wherein said means for detecting digital audio includes a filter that detects frequencies above a predetermined frequency.
4. (original): A dual-mode speaker as in claim 1, wherein said means for detecting digital audio includes a filter that detects frequencies below a predetermined frequency.
5. (original): A dual-mode speaker as in claim 1, wherein said means for detecting digital audio includes a packet header detector.

6. (original): A dual-mode speaker as in claim 1, wherein said digital-to-analog converter recognizes USB digital signals and packets and converts them to analog audio signals.

7. (original): A dual-mode speaker as in claim 1, wherein said digital-to-analog converter recognizes S/PDIF digital signals and packets and converts them to analog audio signals.

8. (currently amended): A multi-mode speaker capable of automatically reproducing audio from either an analog or a digital source, comprising; ~~comprising~~;

a speaker input;

means for detecting digital audio capable of detecting at least one form of digital audio connected to said input;

one or more digital-to-analog converters connected to said input for converting at least one form of encoded digital audio from said input signal into at least one analog signal;

a multiplexer for switching from said speaker input to the analog signal from the one of more digital-to-analog converters when said means for detecting digital audio detects a corresponding digital audio content;

an amplifier connected to the output of said multiplexer;

and a speaker connected to the output of said amplifier.

9. (original): A multi-mode speaker as in claim 8, wherein said means for detecting digital audio includes a filter to detect a range of frequencies.

10. (original): A dual-mode speaker as in claim 8, wherein said means for detecting digital audio includes a filter that detects frequencies above a certain frequency.

11. (original): A dual-mode speaker as in claim 8, wherein said means for detecting digital audio includes a filter that detects frequencies below a certain frequency.

12. (original): A multi-mode speaker as in claim 8, wherein said means for detecting digital audio includes a packet header detector.

13. (original): A multi-mode speaker as in claim 8, wherein said at least one digital-to-analog converter recognizes USB digital signals and packets and converts them to analog audio signals.

14. (original): A multi-mode speaker as in claim 8, wherein said at least one digital-to-analog converter recognizes S/PDIF digital signals and packets and converts them to analog audio signals.

15. (currently amended): An apparatus, ~~comprising;~~ comprising:
a speaker input signal;
means for detecting digital audio;
means for converting a digital signal into an analog signal;
an amplifier;
a speaker connected to the output of said amplifier, ~~and;~~ and
a means to switch the input of said amplifier between said speaker input signal to the analog signal from said means for converting a digital signal into an analog signal corresponding to the detection of the digital signal in the speaker input signal, the means to switch being a hardware switch.

16. (original): An apparatus as in claim 15, wherein said means for detecting digital audio includes a filter to detect a range of frequencies.

17. (original): An apparatus as in claim 15, wherein said means for detecting digital audio includes a filter that detects frequencies above a predetermined frequency.

18. (original): An apparatus as in claim 15, wherein said means for detecting digital audio includes a filter that detects frequencies below a predetermined frequency.

19. (original): An apparatus as in claim 15, wherein said means for detecting digital audio includes a packet header detector.

20. (currently amended): An apparatus, comprising:
a speaker input signal;
means for detecting digital audio;
means for converting a digital signal into an analog signal;
an amplifier;
a speaker connected to the output of said amplifier;
a means to switch the input of said amplifier between said speaker input signal to the analog signal from said means for converting a digital signal into an analog signal corresponding to the detection of the digital signal in the speaker input signal;
and

~~An apparatus as in claim 15,~~ wherein said means for converting a digital signal into an analog signal includes decoding USB digital signals and converting the digitally encoded audio into an analog signal.

21. (currently amended): An apparatus, comprising:
a speaker input signal;
means for detecting digital audio;
means for converting a digital signal into an analog signal;
an amplifier;
a speaker connected to the output of said amplifier;
a means to switch the input of said amplifier between said speaker input signal to the analog signal from said means for converting a digital signal into an analog signal corresponding to the detection of the digital signal in the speaker input signal;
and

~~An apparatus as in claim 15,~~ wherein said means for converting a digital signal into an analog signal includes decoding S/PDIF digital signals and converting the digitally encoded audio into an analog signal.

22. (currently amended): An apparatus, comprising:
a speaker input signal;

means for detecting digital audio;
means for converting a digital signal into an analog signal;
an amplifier;
a speaker connected to the output of said amplifier;
a means to switch the input of said amplifier between said speaker input signal
to the analog signal from said means for converting a digital signal into an analog
signal corresponding to the detection of the digital signal in the speaker input signal;
and

~~An apparatus as in claim 15,~~ wherein said means to switch the input of said amplifier is a multiplexer.

23. (currently amended): An apparatus, comprising:
a speaker input signal;
means for detecting digital audio;
means for converting a digital signal into an analog signal;
an amplifier;
a speaker connected to the output of said amplifier;
a means to switch the input of said amplifier between said speaker input signal
to the analog signal from said means for converting a digital signal into an analog
signal corresponding to the detection of the digital signal in the speaker input signal;
and

~~An apparatus as in claim 15,~~ wherein said means to switch the input of said amplifier is an analog switch.